



PTO/SB/53 (04-04)

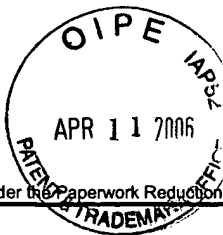
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REISSUE APPLICATION: CONSENT OF ASSIGNEE; STATEMENT OF NON-ASSIGNMENT		Docket Number (Optional) 52478-1800
This is part of the application for a reissue patent based on the original patent identified below.		
Name of Patentee(s) Kiyokazu Yamanaka et al.		
Patent Number 5,930,808	Date Patent July 27, 1999	
Title of Invention		
<p>1. <input checked="" type="checkbox"/> Filed herein is a statement under 37 CFR 3.73(b). (Form PTO/SB/96)</p> <p>2. <input type="checkbox"/> Ownership of the patent is in the inventor(s), and no assignment of the patent is in effect.</p> <p>One of boxes 1 or 2 above must be checked. If multiple assignees, complete this form for each assignee. If box 2 is checked, skip the next entry and go directly to "Name of Assignee".</p> <p>The written consent of all assignees and inventors owning an undivided interest in the original patent is included in this application for reissue.</p>		
The assignee(s) owning an undivided interest in said original patent is/are 100% and the assignee(s) consents to the accompanying application for reissue.		
Name of assignee/inventor (if not assigned) Matsushita Electric Industrial Co., Ltd.		
Signature <i>Hiroki Naito</i>	Date February 15, 2006	
Authorized to Act on Behalf of the Assignee		
Typed or printed name and title of person signing for assignee (if assigned) Hiroki Naito, Director		

This collection of information is required by 37 CFR 1.172. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 6 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



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PTO/SB/96 (12-05)
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STATEMENT UNDER 37 CFR 3.73(b)

Applicant/Patent Owner: Matsushita Electric Industrial Co., Ltd.

Application No./Patent No./Control No.: 5,930,808 Filed/Issue Date: July 27, 1999

Entitled: DATA CONVERSION APPARATUS FOR DATA COMMUNICATION SYSTEM

Matsushita Electric Industrial Co., Ltd., a Japanese Corporation
(Name of Assignee) (Type of Assignee: corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest
(The extent (by percentage) of its ownership interest is _____ %)

in the patent application/patent identified above by virtue of either:

- A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel 8589, Frame 0616, or a true copy of the original assignment is attached.

OR

- B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as follows:

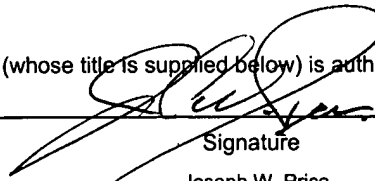
1. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.
2. From: _____ To: _____
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Reel _____, Frame _____, or for which a copy thereof is attached.
3. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

- ☐ Additional documents in the chain of title are listed on a supplemental sheet.

As required by 37 CFR 3.73(b)(1)(i), the documentary evidence of the chain of title from the original owner to the assignee was, or concurrently is being, submitted for recordation pursuant to 37 CFR 3.11.

[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, to record the assignment in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.



Signature

Joseph W. Price

Printed or Typed Name

Attorney of Record
Title

April 5, 2006

Date

714-427-7420

Telephone Number

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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REISSUE APPLICATION DECLARATION BY THE INVENTOR

Docket Number (Optional)

52478-1800

I hereby declare that:

Each inventor's residence, mailing address and citizenship are stated below next to their name.

I believe the inventors named below to be the original and first inventor(s) of the subject matter which is described and claimed in patent number 5,930,808, granted July 27, 1999

and for which a reissue patent is sought on the invention entitled DATA CONVERSION APPARATUS FOR DATA COMMUNICATION SYSTEM

the specification of which

☐ is attached hereto.

☒ was filed on July 26, 2001 as reissue application

09/916,872

and was amended on 7/26/01;6/5/02;3/4/03;11/17/04
(If applicable)

I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.

☒ I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b). Attached is form PTO/SB/02B (or equivalent) listing the foreign applications.

I verily believe the original patent to be wholly or partly inoperative or invalid, for the reasons described below. (Check all boxes that apply.)

☐ by reason of a defective specification or drawing.

☒ by reason of the patentee claiming more or less than he had the right to claim in the patent.

☐ by reason of other errors.

At least one error upon which reissue is based is described below. If the reissue is a broadening reissue, such must be stated with an explanation as to the nature of the broadening:

Original Claims 1 to 24 include an unnecessary limitation in their preamble of "A data conversion apparatus which is used as a data transmitting apparatus --- ". Applicant is entitled to claims without this and other unnecessary limitations such as set forth in new claims 29, 30, 33 and 34.

(Page 1 of 3)

This collection of information is required by 37 CFR 1.175. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1460, Alexandria, VA 22313-1460. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1460, Alexandria, VA 22313-1460.

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PTO/SB/51 (04-05)
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(REISSUE APPLICATION DECLARATION BY THE INVENTOR, page 2)		Docket Number (Optional) 52478-1800	
All errors corrected in this reissue application arose without any deceptive intention on the part of the applicant.			
Note: To appoint a power of attorney, use form PTO/SB/81.			
Correspondence Address: Direct all communications about the application to:			
<input checked="" type="checkbox"/> The address associated with Customer Number:		21611	
OR			
<input type="checkbox"/> Firm or Individual Name			
Address			
City		State	Zip
Country			
Telephone		Email	
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine and imprisonment, or both, under 18 U.S.C. 1001, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this declaration is directed.			
Full name of sole or first inventor (given name, family name) Kiyokazu Yamanaka			
Inventor's signature <i>Kiyokazu Yamanaka</i>		Date <i>Feb. 14, 2006</i>	
Residence Ashiya-shi, Japan		Citizenship JAPAN	
Mailing Address 11-19, Nishiyama-cho, Ashiya-shi, Hyogo 659-0083 Japan			
Full name of second joint inventor (given name, family name) Kazuo Okamura			
Inventor's signature <i>Kazuo Okamura</i>		Date <i>Feb. 10, 2006</i>	
Residence Toyonaka-shi, Japan		Citizenship JAPAN	
Mailing Address 2-5-20-818, Shinsenrihigashi-machi, Toyonaka-shi, Osaka 560-0082 Japan			
Full name of third joint inventor (given name, family name) Junichi Hirai			
Inventor's signature <i>Junichi Hirai</i>		Date <i>Feb. 9, 2006</i>	
Residence Hirakata-shi, Japan		Citizenship JAPAN	
Mailing Address 4-17-302, Tainishi-machi, Neyagawa-shi, Osaka 572-0020 Japan			
<input checked="" type="checkbox"/> Additional joint inventors or legal representative(s) are named on separately numbered sheets forms PTO/SB/02A or 02LR attached			

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PTO/BB02A (08-04)

Approved for use through 07/31/2008. OMB 0851-0032

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DECLARATION**ADDITIONAL INVENTOR(S)**
Supplemental SheetPage 3 of 3

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor		
Given Name (first and middle [if any])		Family Name or Surname		
Hidekazu		TANIGAWA		
Inventor's Signature	<i>Hidekazu Tanigawa</i>			Date <i>Feb. 18, 2006</i>
Residence: City	Hirakata-shi	State	Osaka	Country Japan Citizenship Japan
Mailing Address	1-13-15-501, Minamikuzuha			
City	Hirakata-shi	State	Osaka	ZIP 573-1105 Country Japan
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor		
Given Name (first and middle [if any])		Family Name or Surname		
Chihiro		Imagawa		
Inventor's Signature	<i>Chihiro K Imagawa</i> <small>2006/2/16</small>			Date <i>Feb. 16, 2006</i>
Residence: City	Neyagawa-shi	State	Osaka	Country Japan Citizenship Japan
Mailing Address	4-17-302, Tainishi-machi			
City	Neyagawa-shi	State	Osaka	ZIP 572-0020 Country Japan
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor		
Given Name (first and middle [if any])		Family Name or Surname		
Inventor's Signature				Date
Residence: City		State		Country Citizenship
Mailing Address				
City		State		ZIP Country

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 21 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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